

## THE

INSIDE sky guide

## Pages 63-74

- Twenty-first century SETI Pages 26-28
  - Pages 31-34 The Mars meteorite strikes back
- Five telescopes that changed the world







#### **Featuring:**

- Why is Mars red? Pages 22-24
- Was Mars once warm and wet? Pages 26-31
- Adventures of the Mars rovers Pages 36-39
- Did Viking discover life on Mars? Pages 40-41
- Gigantic dust storms Pages 32-33
- Create your own Martian map! Pages 65-68
- Celestron's CGEM mount and Pages 86-89 EdgeHD optics reviewed this issue!

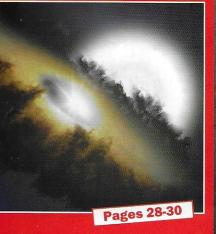
## The UK's best selling astronomy magazine! March 2010/£3.25 www.astronomynow.com

### The curious case of



Spring's galaxies and how to observe them

INSIDE: The UK's best 14-page sky guide



Observe at its best



What is a globular cluster?

Pages 22-25

Pages 40-41

The UK's first Dark Sky Park

Page 8

**End of the road for Mars rover** 



Reviewed: the Intes-Micro MN78 Maksutov-Newtonian





**Memories** of AstroFest



Enceladus' Pages 24-27 icy emanations

How William Herschel Pages 29-30 sighted Saturn's moons



The UK's best selling astronomy magazine!

Control of the UK's best selling astronomy magazine!

Control of the UK's best selling astronomy magazine!

Control of the UK's best selling astronomy magazine!

May 2010/£3.25

www.astronomynow.com

NOW

## It came from outer space

A meteorite collectors' guide



INSIDE
The UK's
best 14-page
night
sky guide

Ursa Major's spectacular sextuplet

Damien Peach's Barbados trips Pages 32-35

VISTA – the world's Pages 22-23 largest survey telescope

Pages 78-79

Reviewed: iOptron's smart MiniTower mounting system





## The UK's best selling astronomy magazine! June 2010/£3.25 www.astronomynow.com

NOW

## Pages 20-21

**Hubble's stunning anniversary portrait** 

guide

Pages 34-37

Mono vs colour CCDs: which one wins?

Pages 30-33

- Asterisms finding patterns in the stars
- Forecasting the weather Pages 60-72 on Earth and other planets
- Exclusive coverage of the Pages 24-28 UK's National Astronomy Meeting

**Reviewed: Orion XX12 SkyQuest Intelliscope** 



### The UK's best selling astronomy magazine! July 2010/£3.25 www.astronomynow.com

NOW

Britain's missions to conquer the Sun Pages 54-66

INSIDE: The UK's and best guide

- The comet that cracked
- **Hat-trick of CCD reviews** 
  - **Astrobiology on the Moon**

Pages 30-31

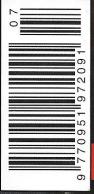
Pages 80-85

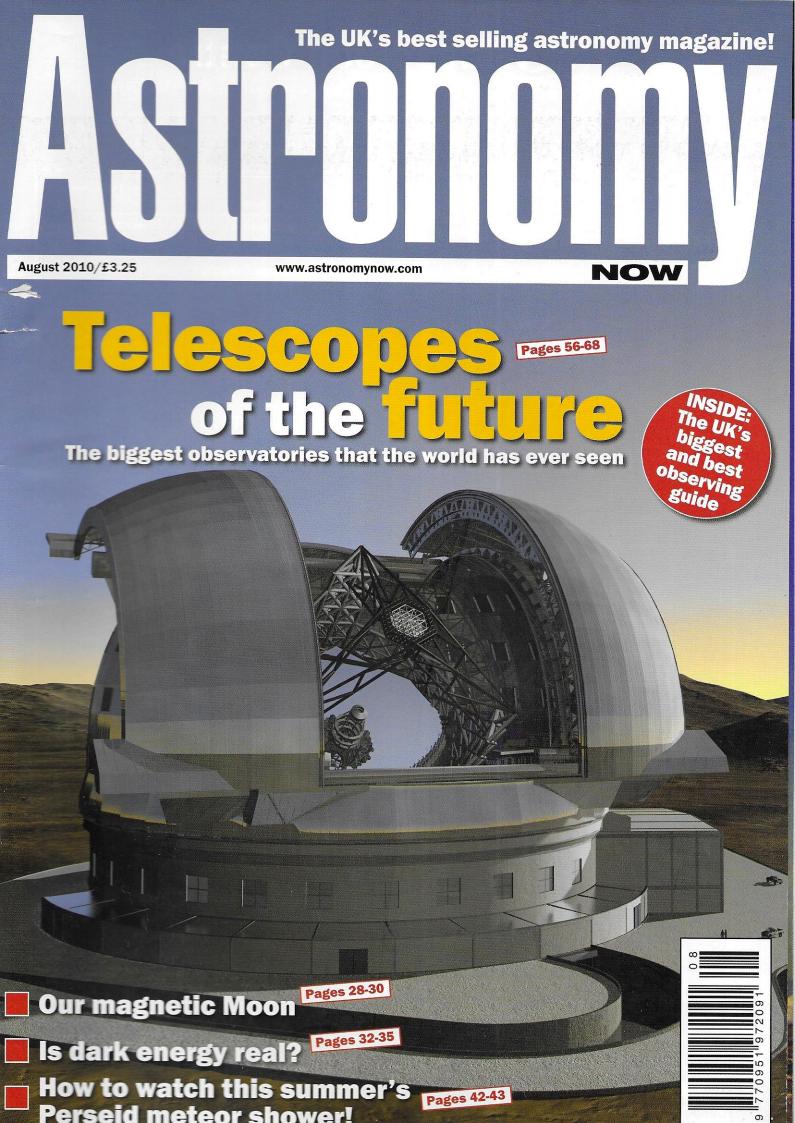
Pages 25-27

Pages 20-23

**Exclusive: Sir Patrick Moore's writing career** 







## The UK's best selling astronomy magazine!

September 2010/£3.25

www.astronomynow.com

NOW

#### See the giant planet Jupiter at its best



#### The planet with a comet's tail



## Unravelling the mystery of the **Gould Belt**

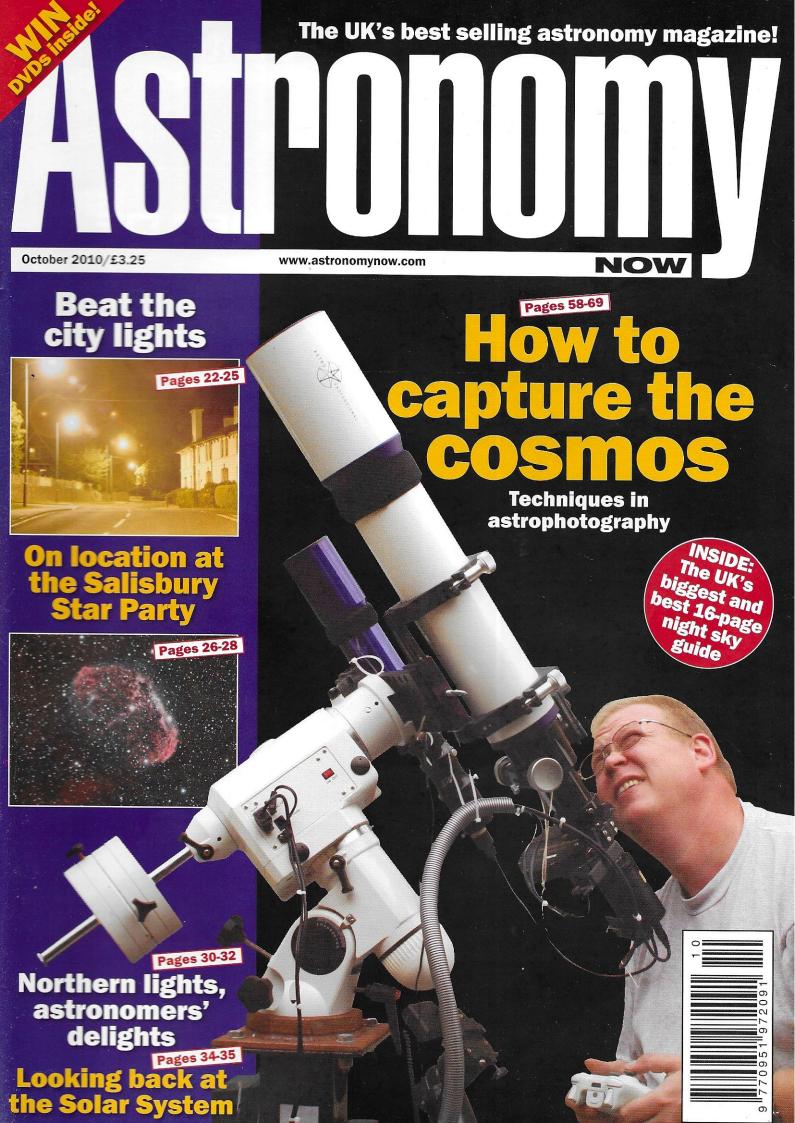


## On safari with Pages 28-31 Calaxy Z00

What has the amazing citizen science project discovered so far?

INSIDE: The UK's biggest and best observing guide





## The UK's best selling astronomy magazine!

November 2010/£3.50

www.astronomynow.com

NOW

## What Went Wrong on Venus? Value 2

Find out in our 11-page investigation

INSIDE:
The UK's
biggest and
best 13-page
night sky
guide

Pages 34-37

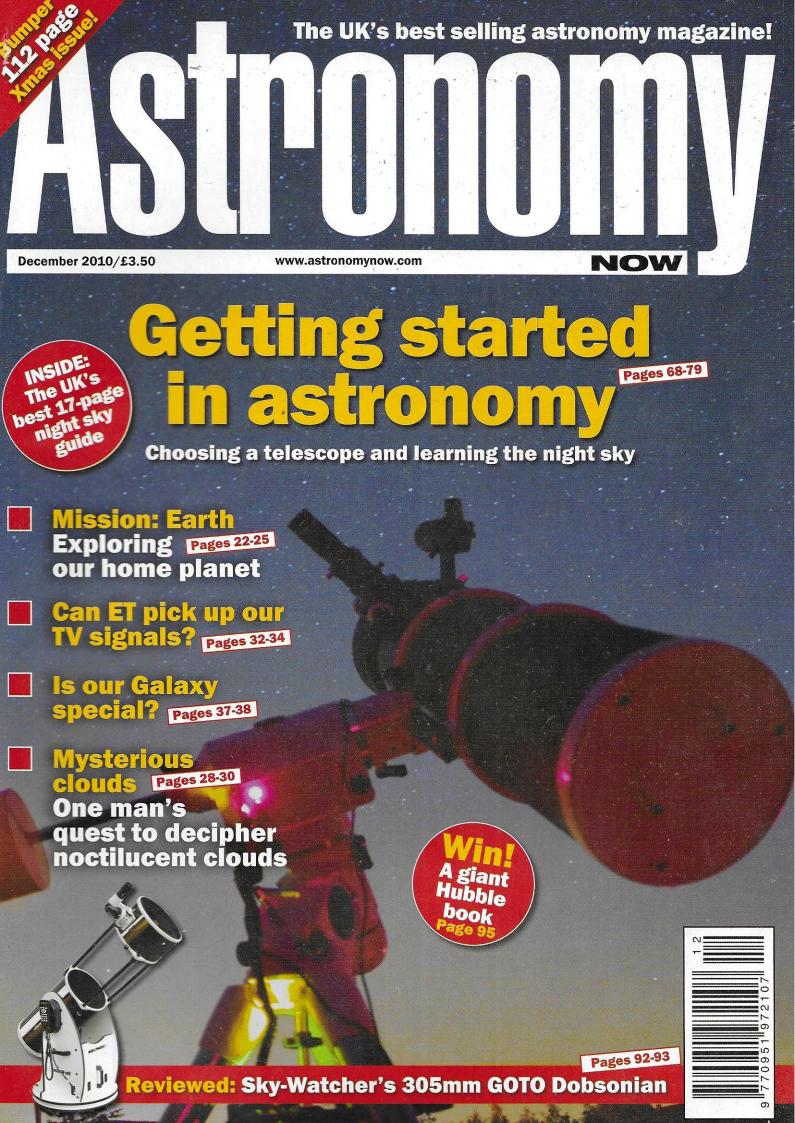
- Astrophotography Ace imager Nik Szymanek on photographing M33
- **Exoplanets** weird weather on alien worlds

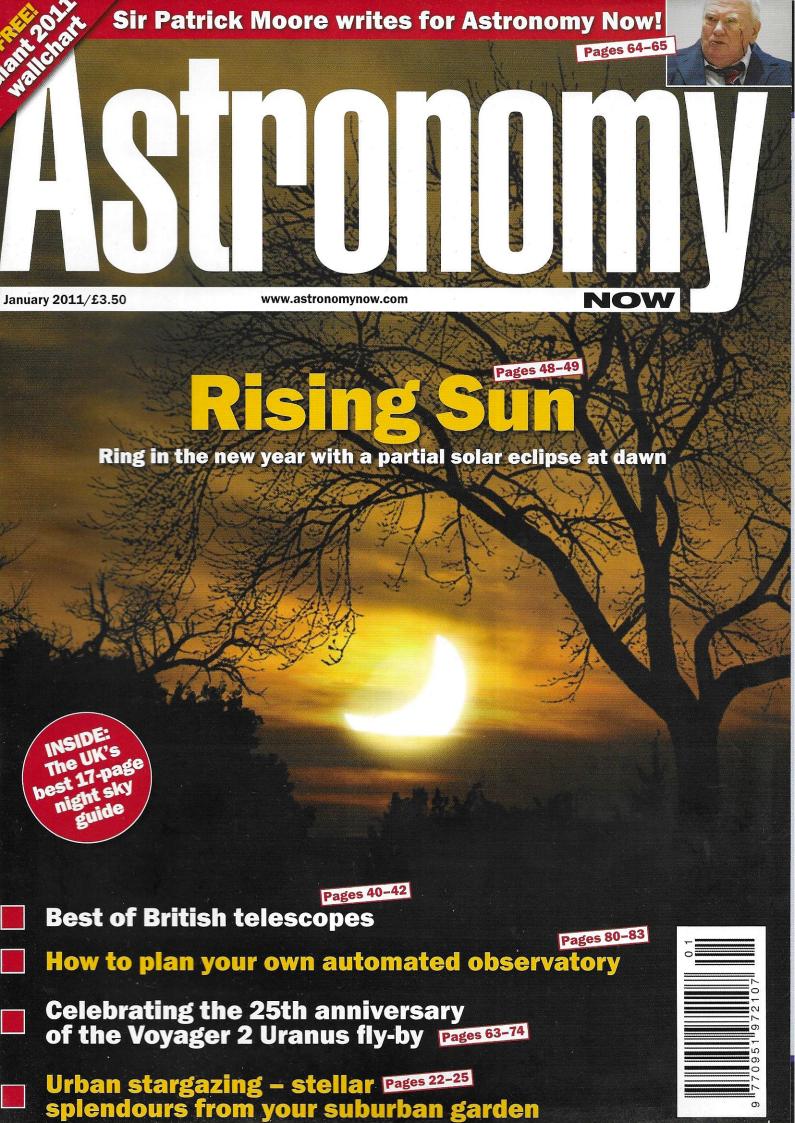
  Pages 25-32

Pages 84-86

Reviewed: Altair Astro's new 150mm Maksutov telescope









The UK's best and longest running astronomy magazine!

March 2011/£3.50

www.astronomynow.com

NOW

## Run the Messie Marathon!

INSIDE: The UK's best 19-page night sky guide

Observe, image or sketch over 100 galaxies, nebulae and clusters!

Pages 35-38, 52-55, 78-79

Enter the twilight zone Pages 26-29 between night and day

Pages 40-41

Lost Earth – what our planet was like before the Moon

Pages 56-59

Explore Leo in our bumper sky tour

NASA's MESSENGER arrives at Mercury



The UK's best and longest running astronomy magazine!

April 2011/£3.50

www.astronomynow.com

NOW



### Pages 32-35, 43-45, 46-49 The ringed planet returns

See Saturn at its best

Celestial snow globes and galactic clusters

Pages 64-74

Jupiter: how well does it protect us?

Fly-by of the Deep Impact comet Pages 36-38



Page 22-25

Pages 27-31

**Brian Cox, Brian May** and Sir Patrick Moore together at AstroFest!

3D Solar System Blu-ray!





## A May 2011/£3.50 The Six s best and foligest up a series of the six of the s

INSIDE: The UK's best 21-page night sky guide

## Variables Pages 60-71 Variables

**Exploding, eclipsing** and pulsating stars

Pages 52-53

Seek out spring's globular clusters

Pages 28-29

Patrick Moore's wartime astronomy

Pages 74-75

How to do astronomy on a budget

Pages 22-25

Rainy days on Saturn's moon

Reviewed:

Pages 80-81

The Vixen Sphinx NexSXD mount upgrade





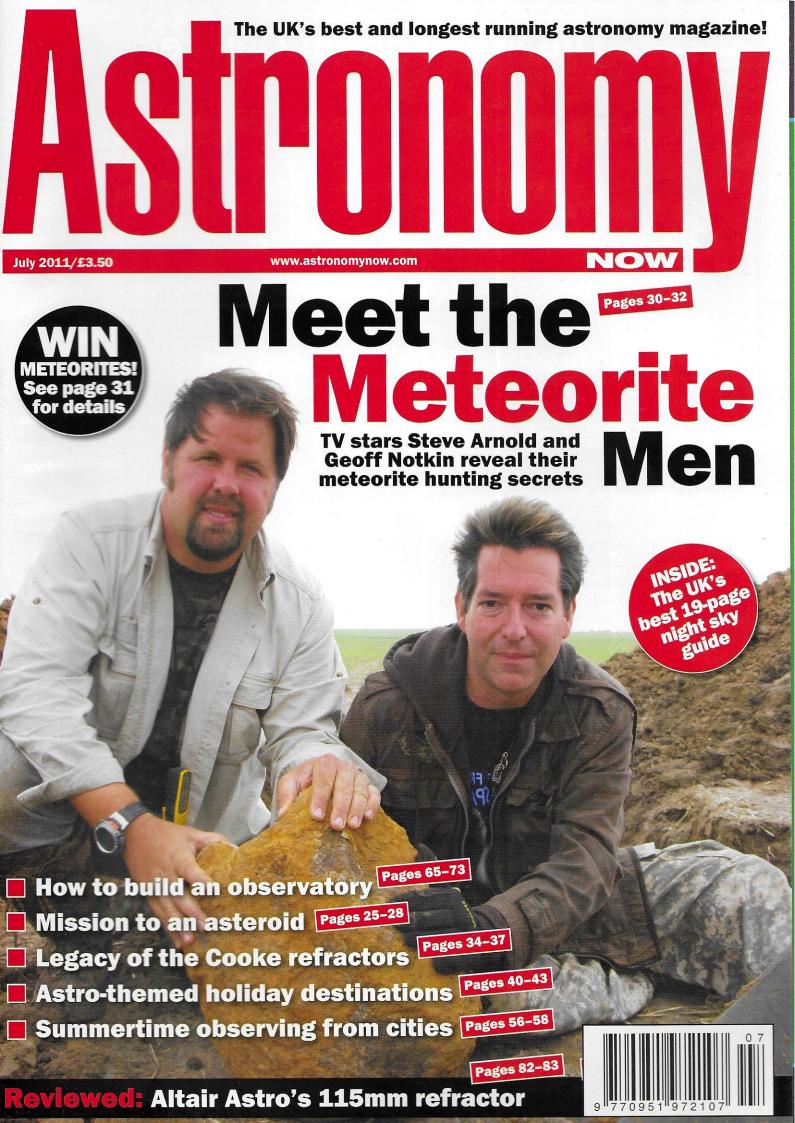


Plus special reports from:

Pages 20-25 New York's astronomy and telescope show Kennedy Space Center Pages 36-39 National Astronomy Meeting

Pages 28-32







## Journey back to Line ter Pages 22-24

Choose
the right
astro-degree
course with our
higher education
guide inside!

Pages 65-75

INSIDE: The UK's best 17-page night sky guide

Pages 30-31

- How to photograph the colourful Cygnus nebulae
- Taking the heat: spacecraft and their heat shields
  - Magnetic solar systems and their prospects for life

Pages 26-27

Pages 36-43

Pages 82-83

9 7 7 0 9 5 1 9 7 2 1 0 7

Reviewed inside: the AstroTrac TT320X-AG





October 2011/£3.50

www.astronomynow.com

NOW

## Night of the meteors

Will the Draconids storm this month?

Bumper 22-page observing section

Jupiter at its brilliant best

Pages 38-40, 42-45

A naked-eye comet

Pages 46-47

Double star delights

Pages 54-55

Guide to autumn's great galaxies

Pages 56-57

Pages 31-34

Water in the Universe

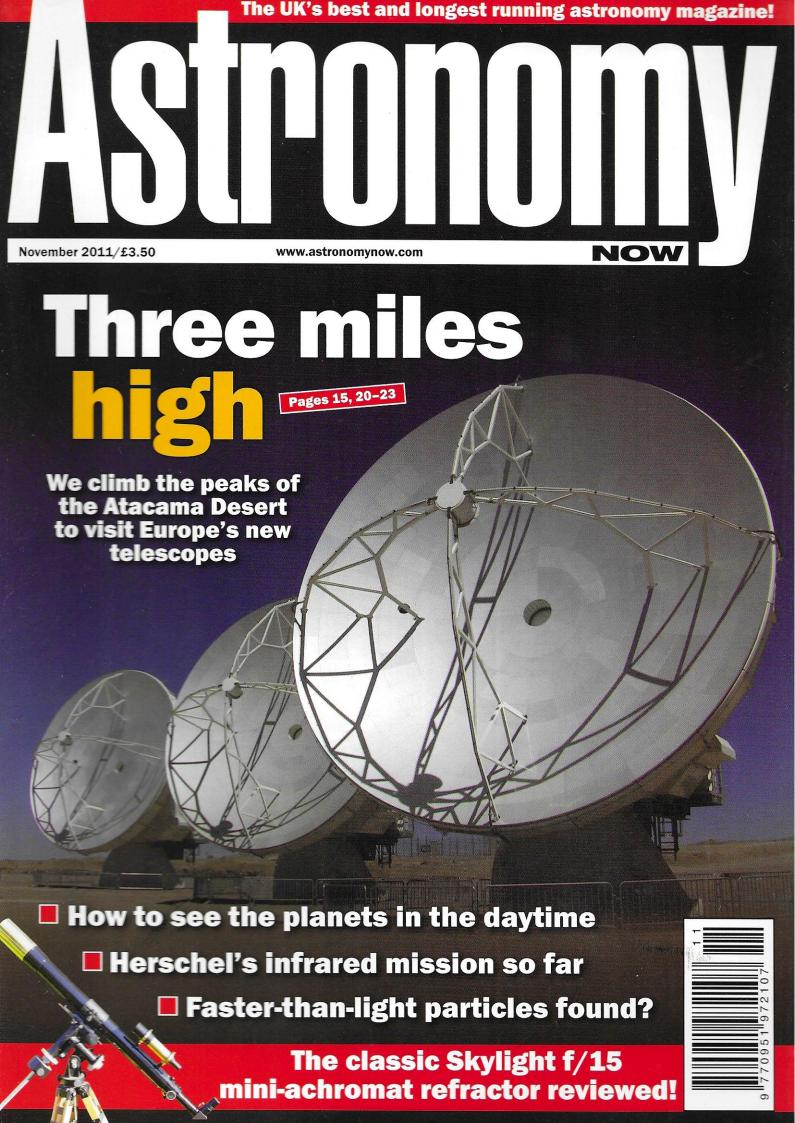
Gamma-ray bursts

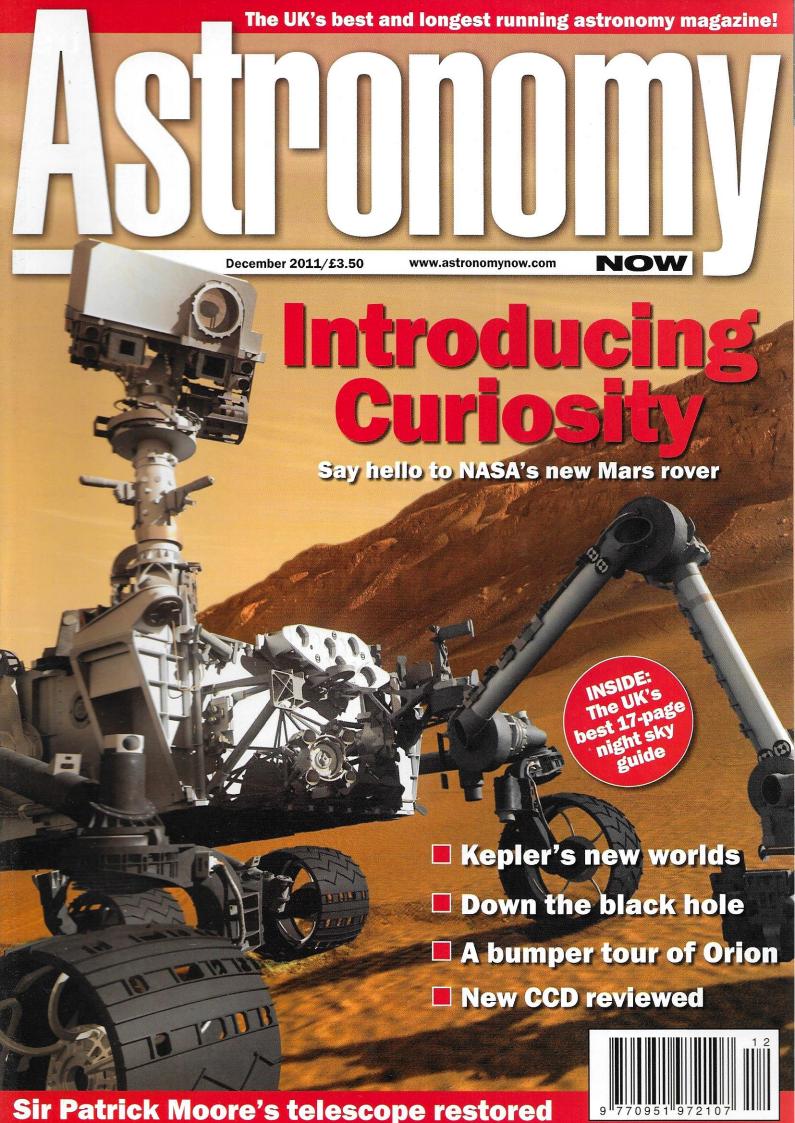
Pages 60-71

Pages 84-85

iOptron's new mount reviewed









### What's up 2012

How to observe the year's greatest astronomical events

INSIDE: The UK's best 15-page night sky guide

Hammasure

Picasa

- Voyage to the stars
- Crab Nebula behaving badly
- In search of a planet next door
- The cost of saving Hubble's successor

**Reviewed:** 

Istar's 152mm Phantom triplet & Sky-Watcher's Esprit-150ED APOs



Watched the BBC's Stargazing Live? Take your astronomical interests further

## ASTRONOM MANAGEMENT OF THE PROPERTY OF THE PRO

February 2012/£3.50

www.astronomynow.com

NOW

## The great crash that made our Moon

INSIDE: The UK's best 15-page night sky guide

- Indoor observing
- How to feed a giant black hole
- Tour the deep sky treasures of Gemini
- Choosing and using planetary filters

**Reviewed:** 

The self-aligning Celestron Sky Prodigy 130



The UK's best and longest running astronomy magazine!

March 2012/£3.75

www.astronomynow.com

NOW

And other puzzles of the Universe

INSIDE:
Bumper
18-page
guide to the
night sky

- Take great pictures of the Rosette
- See Herschel's springtime galaxies
- Solving the Pioneer Anomaly

Magnificent Mars at its brilliant best!



Where to find it, how to observe it and how to photograph it

#### Plus:

Is there liquid water on Mars?

Does Martian life exist deep underground?



**Celebrating 25 years of Britain's best astronomy magazine** 

April 2012/£3.75

www.astronomynow.com

NOW

## Staring into a black hole

INSIDE:
Bumper
16-page
guide to the
night sky

How radio astronomers intend to snap a picture of the black hole at the centre of our Galaxy



- How to image the Moon in colour
- Probing the glow of the distant Universe
- The great 19th century telescope builder
- Aligning your telescope mount



Certebrating 25 years of the livis best astronomy magazine

A STRONOMY Magazine

### Averting Armageddon

Lembit Öpik's crusade to save the world



- The largest map of the Universe
- How to see Australia's solar eclipse
  - Our expert guide to CCD astro-imaging

May 2012 £3.75



The UK's best guide to the night sky



## The transit of Venus

Your last chance to see Venus cross the Sun's disc

## Seeing the northern lights

The UK's best guide to the night sky



SOLAR SLOWDOWN Is the Sun about to go to sleep?



#### IMAGING ON A BUDGET

How to snap the heavens cheaply



#### OBSERVING THE SUN

A guide to

#### THE TRANSIT OF VENUS: SPECTACULAR VIEWS



## MHITE DVARFS

Welcome to the stellar afterlife

## Catching Martian twisters in action

The UK's best guide to the night sky



#### JUPITER Bound

Europe chooses next big mission



#### THE LATEST ASTRO-KIT

Tour America's astronomy show



#### STAR TRACKING

Losmandy's new tracking mount



### JETPACKS AND SKY CRANES: CURIOSITY'S DAREDEVIL LANDING Celebrating 25 years of the UK's best astronomy magazine Astrong ous about NASA's new Curiosity rover is, as it seeks to discover the history of the red planet and conditions for life Comag £3.75 21 pages of super Solving the shake Standing on ummer sights with hi-tech binos alien worlds

# THE ROVER HAS LANDED: FIRST IMAGES FROM MARS INSIDE! Celebrating 25 years of the UK's hest astronomy magazine Color of the UK's hest astronomy magazine

### HOWTO GROW AGALAXY

The story behind the birth of galaxies



## **Creating the future**

The British Interplanetary Society



#### END OF THE ROAD

Final fling for UK's Hawaii scopes



### SPYING ON SATELLITES

Spotting the space station



#### RED STAR DELIGHT

Touring autumn's





#### SUNNY SKIES Daystar's latest

Daystar's latest solar-scope

### HABITABLE WORLDS

What will James Webb find?



#### NEBULOUS NIGHTS

Touring Autumn's amazing nebulae



### FREE INSIDE PANORAMIC MARS POSTER





### HUMANS IN SPACE

How does zero G affect the body?



#### WEIRD WEATHER ON WEIRD WORLDS

Methane rain, carbon dioxide snow, scorching heat and 1,000kph winds!



#### **DEBRIS FROM A BLACK HOLE**

The ghostly bubbles blown from the galactic centre



#### GREATEST COMET?

A comet brighter than the Moon



#### STAR CLUSTERS

Stellar cities in autumn nights



#### **GLORIOUS ANDROMEDA**

How to view the galaxy M31



#### FIRST-TIME TELESCOPES

Our expert guide for beginners using a telescope



How to see the giant planet at its best



#### A NEW SPIN ON THE MOON'S ORIGIN

Revisiting the catastrophic crash that gave birth to our nearest neighbour



#### BRITAIN'S NEXT SPACE MISSIONS

From scanning alien atmospheres to seeking out the biggest explosions the Universe has to offer



WINTER
NEBULA
Eight targets
to track down



## ALPHA CENTAURI The exoplanet next door

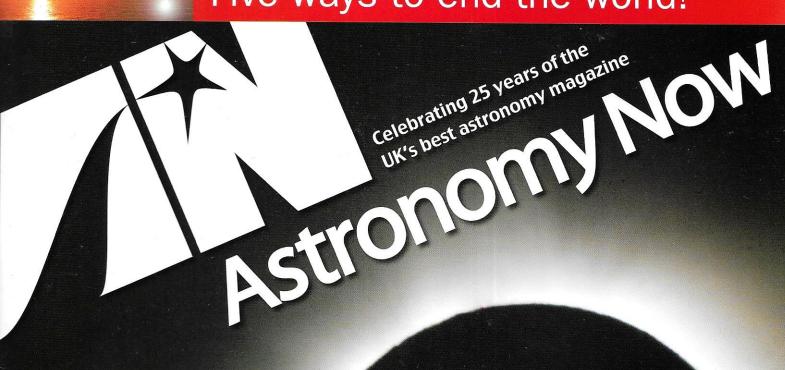


## A MAGNIFIED VIEW Gravitational lenses explained





### **COSMIC CATASTROPHES**Five ways to end the world!



### When day turned to night

The full story of the Australian solar eclipse

How to make a Milky Way mosaic

February 2013 £3.99



ANCIENT SKIES

ost myths of the constellations



PLANETS IN CHAOS

Playing Solar System pinball



THE YEAR IN SPACE

The big missions launching in 2013







CURIOSIT



EW VIEW OF





## Saturn stars in spring skies

How to observe the ringed planet and discover what NASA's Cassini mission has found there



Jon Lomberg's **Galaxy Garden**  May 2013 £3.99



### GRAVITY **PROPULSION**

The inventor of the gravity assist



#### **BROWN DWARFS**

Their ferocious and cloudy weather



#### **SKY TOUR**

A beginners' iaunt around the spring skies







# Super sights of summer

See the season's celestial blockbusters

## Monster black holes

The gigantic forces that power quasars

## 100 years of discovery

An illustrated timeline of 20th century astronomy



## Meet the UK's new astronaut

We talk to Major Tim about his mission to the space station

July 2013 £3.99





# EXPLORETHE MILKY WAY

See our galaxy in all its glory

### Planning a trip to Mars?

Radiation might make you think twice

### Catch a falling star

A full guide to this summer's Perseid meteor shower

### Binoculars mount up!

Applying a steady hand to astronomy with binoculars

August 2013 £3.99



# The UK's best agazine astronomy magazine

# COMETOF THE CENTURY?

What the experts say about comet ISON

### **Curiosity's year on Mars**

The NASA rover's story so far

### **Leaving the Solar System**

Voyager heads into the unknown

### Complete night sky guide

All you need to know about what's up this month

September 2013 £3.99





## THE GREATEST GALAXYIN

Your guide to observing Andromeda

### Pluto on the horizon

Unmasking the mysteries of an icy world

### **Measuring the stars**

Europe's new mega-mission

## Deep sky mega mosaics Processing the professionals' images

### Mars meets **Comet ISON**



October 2013 £3.99





SPECIAL REPORT: HOW TO OBSERVE AND IMAGE COMETS

Voyager 1 boldly goes where no probe has gone before

Beginners guide to imaging the Sun, Moon and stars

See the beauty of the Seven Sisters

### Secrets of Saturn's rings

How old are they? How did they form? Why are they so bright?





All you need to know about

## COMETS

Will Comet ISON survive the Sun?

How to see the comet

A daring comet touchdown for 2014

Astronomer Royal talks real life starships

**Hunting exoplanets in the future** 

The stunning Northern Lights





### 2014'S BEST STARGAZING SIGHTS

Secrets of the Universe's biggest explosions

10 years of roving Mars

Surfing the seas of the Solar System

**Farewell Comet ISON!** 







### JUPITER RULES THE NIGHT

National Astronomy Week your nightly stargazing guide

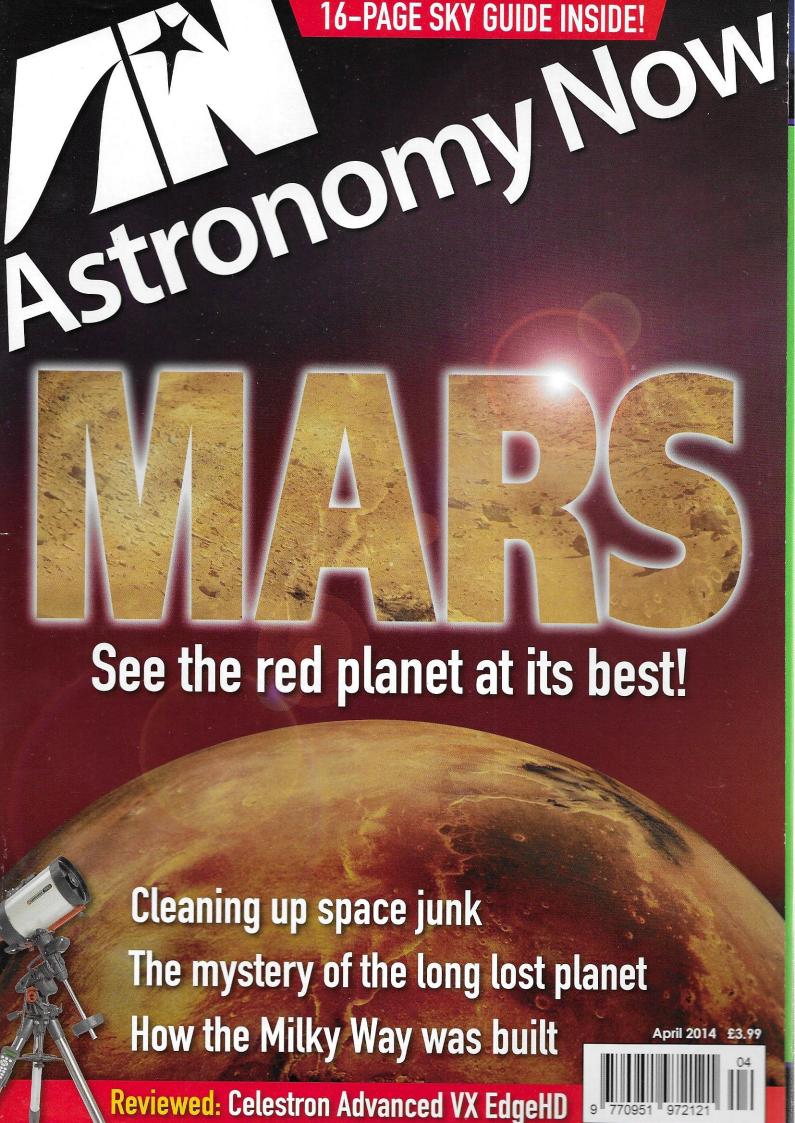
2015: An Arctic eclipse of the Sun

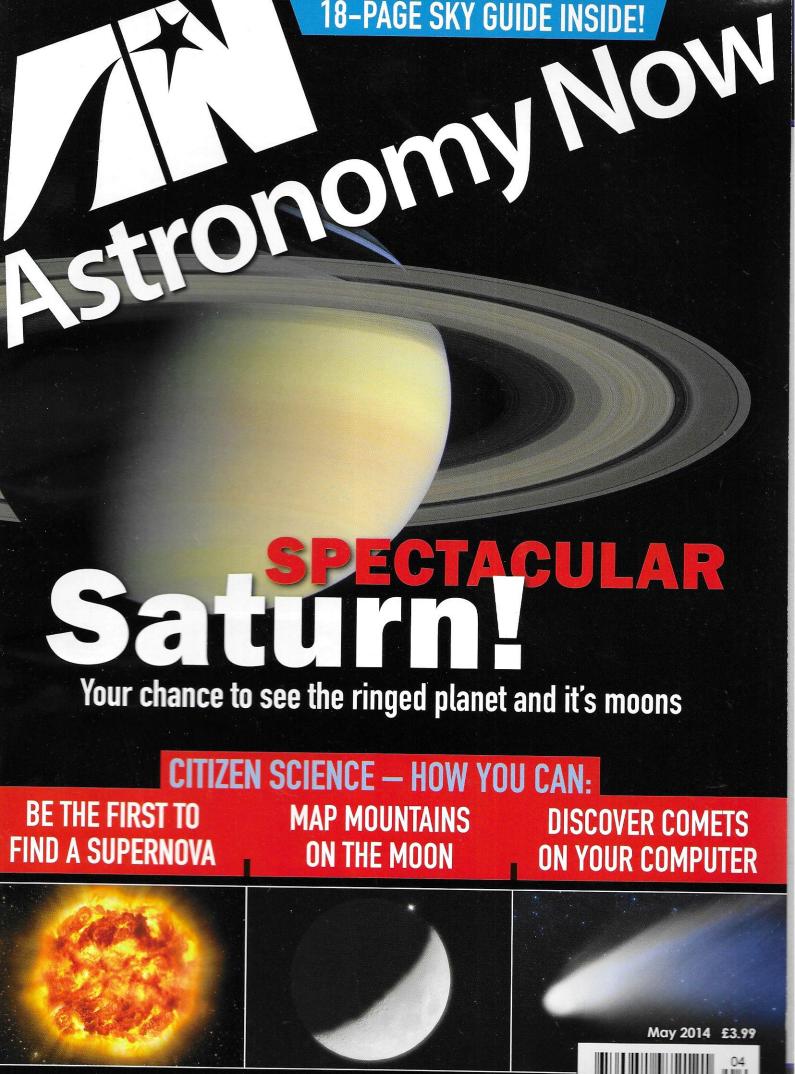
Meet the man behind the new Sky at Night

The great British supernova discovery

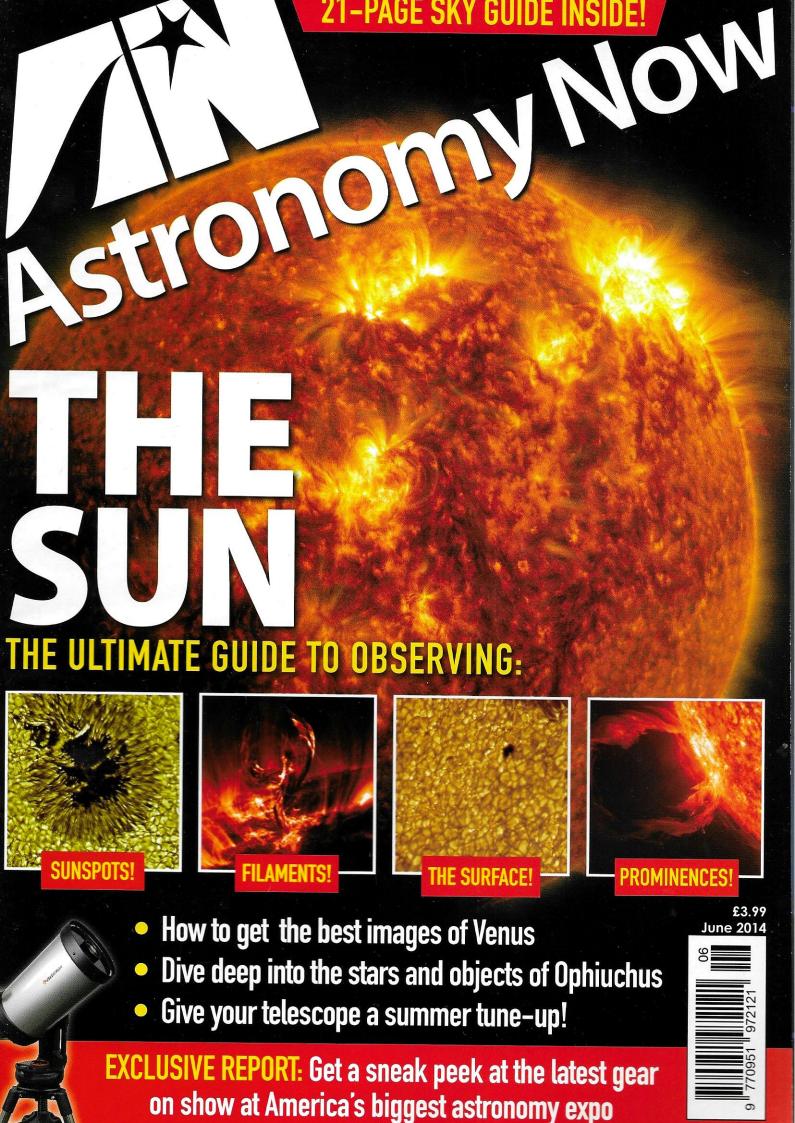
March 2014







PLUS: Major big bang discovery explained





## **ER FIRE**

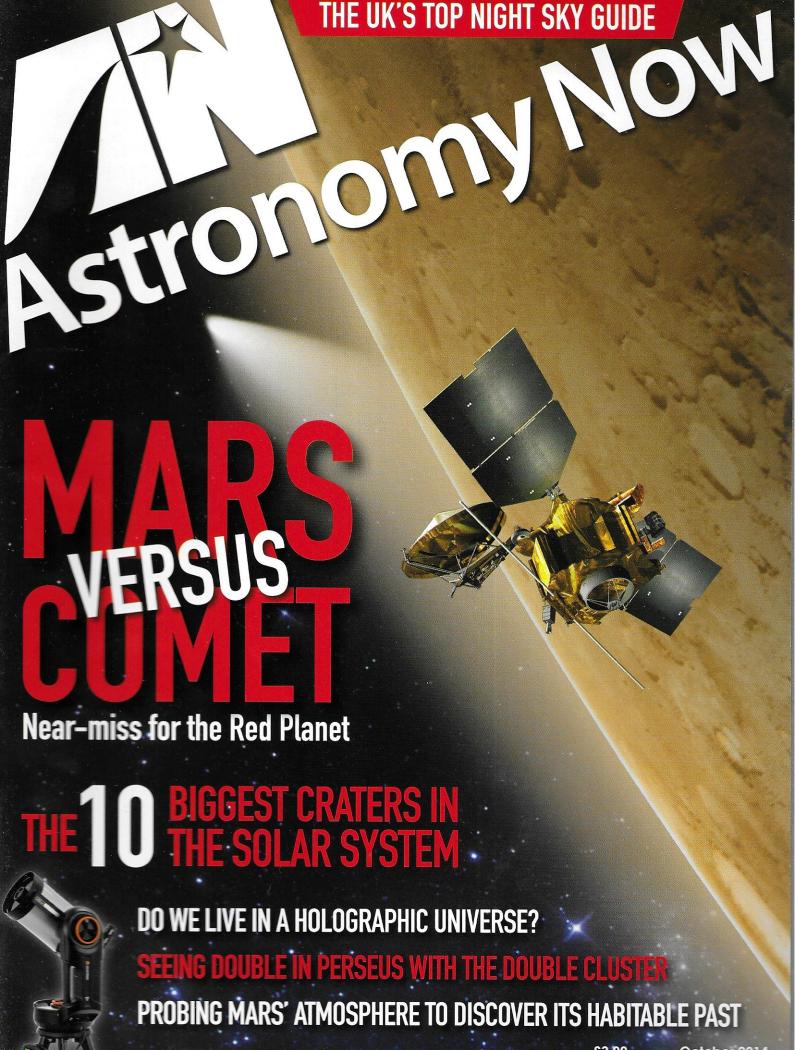
Twenty years since the comet struck

- What on Earth is happening to the Sun?
- Enjoy an astronomy day out
- The hottest products for astronomers









THE MOST USER-FRIENDLY TELESCOPE IN THE WORLD?

3.77 October 2014

